Amendment to the Claims:

This listing of claims will replace all versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-22   (Cancelled)

23. (Currently amended)   A colors space conversion system comprising:

means adapted for receiving primary device link profile data, selected from a plurality thereof, corresponding to a relationship between an input color space having an associated input gamut and an output color space having an associated output gamut, the primary device link profile data including a plurality of vertex values, each vertex value having a value associated with a corresponding primary color of the color spaces;

means adapted for converting input color image data encoded in the input color space to output color image data in accordance with application of the primary device link profile data, which conversion includes interpolation of empirical values in accordance with displacement from of the selected primary device link profile data relative to vertex values of a color space defining the input gamut;

means adapted for receiving comparison data corresponding to a rendered image, which rendered image is generated in accordance with the output color image data and input color space data corresponding thereto, the comparison data including result values corresponding with a rendered image relative to a plurality of the vertex values the selected primary device link profile data;

means adapted for generating modified device like profile data in accordance with received comparison data; and

means adapted for storing modified device link profile data for use in accordance with subsequent conversions of image data between the input color space and the output color space.

24. (Currently Amended)   The color space conversion system of claim [[1]] 23 further comprising:

means adapted for receiving tag data corresponding to a device associated with the input gamut; and

generating means adapted for generating comparison data in accordance with the rendered image and received tag data.

25. (Previously Presented)   The color space conversion system of claim 24 further comprising means adapted for receiving selection data corresponding to a selected output mode of an associated image rendering device, and wherein the generating means further includes means adapted for generating comparison data in accordance with received selection data.

26. (Currently amended) A colors space conversion method comprising the steps of:

receiving primary device link profile data, selected from a plurality thereof, corresponding to a relationship between an input color space having an associated input gamut and an output color space having an associated output gamut, the primary device link profile data including a plurality of vertex values, each vertex value having a value associated with a corresponding primary color of the color spaces;

converting input color image data encoded in the input color space to output color image data in accordance with application of the primary device link profile data, which conversion includes interpolation empirical of values in accordance with displacement from of the selected primary device link profile data relative to vertex values of a color space defining the input gamut;

receiving comparison data corresponding to a rendered image, which rendered image is generated in accordance with the output color image data and input color space data corresponding thereto, the comparison data including result values corresponding with a rendered image relative to a plurality of the vertex values the selected primary device link profile data;

generating modified device like profile data in accordance with received comparison data; and

storing modified device link profile data for use in accordance with subsequent conversions of image data between the input color space and the output color space.

27. (Previously Presented)   The method of claim 26 further comprising the steps of:
receiving tag data corresponding to a device associated with the input gamut; and
generating comparison data in accordance with the rendered image and received tag data.

28. (Previously Presented)   The method of claim 27 further comprising the steps of:
receiving selection data corresponding to a selected output mode of an associated image rendering device; and
generating comparison data in accordance with received selection data.

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